

Title (en)

Dual-bearing reel

Title (de)

Doppelt gelagerte Angelrolle

Title (fr)

Moulinet de pêche à bobine rotative supportée par deux roulements

Publication

EP 2425713 A3 20131127 (EN)

Application

EP 11176748 A 20110805

Priority

JP 2010196826 A 20100902

Abstract (en)

[origin: EP2425713A2] A dual-bearing reel includes a reel unit (1), a handle shaft (30) a one-way clutch (86), a drag mechanism (23), a drag regulation member (3), a handle (2), a spool (12), and a rotation transmission mechanism (19). The one-way clutch (86) includes an outer race (86a) being attached to the reel unit (1), where the outer race (86a) being not rotatable to the reel unit (1), an inner race (86b) unitarily and rotatably coupled to the handle shaft (30), and rollers (86c) disposed between the outer race (86a) and the inner race (86b). The drag mechanism (23) includes a drag washer (51) unitarily and rotatably coupled to the handle shaft (30). The handle (2) disposed between the drag regulation member (3) and the reel unit (1), and includes a through hole (2e). The handle shaft (30) penetrates in the through hole (2e), and is unitarily and rotatably coupled to the inner race (86b) around the through hole (2e). The spool (12) is rotatably attached to the reel unit (1).

IPC 8 full level

A01K 89/015 (2006.01); **A01K 89/033** (2006.01)

CPC (source: EP US)

A01K 89/015 (2013.01 - EP); **A01K 89/033** (2013.01 - EP); **A01K 89/05** (2015.05 - EP US)

Citation (search report)

- [X] JP S4975887 U 19740701
- [Y] JP H09168354 A 19970630 - SHIMANO KK
- [Y] JP 2010004791 A 20100114 - GLOBERIDE INC
- [A] US 4966335 A 19901030 - KANEKO KYOICHI [JP]
- [A] US 4558828 A 19851217 - MORIMOTO SHINICHI [JP]

Cited by

EP2622959A1; US8807471B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2425713 A2 20120307; EP 2425713 A3 20131127; EP 2425713 B1 20150311; JP 2012050398 A 20120315; JP 5536594 B2 20140702

DOCDB simple family (application)

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